14 (8)

BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

Name of Work :- Detailed Estimate for Improvements to Roads at 2nd Main, 3rd Cross of Manjunatha Nagara in Ward.No. 14, Bangalore.

Estimated Cost Rs. 20.00 Lakhs

ASSISTANT EXECUTIVE ENGINEER

T.DASARAHALLI SUB DIVISION,

B.B.M.P, BANGALORE

BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

Name of Work :-Improvements to Roads at 2nd Main, 3rd Cross of Manjunatha nagara in Ward no.14 .Tdasarahalli sub division.

			Est. Cost Rs				20.00	Lakhs	
Sl. No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-2: Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH Chapter 3. in hard soil **Page No. 150/ Item No. 19.2/ PWD SR 2012-13**	Cum							
			1	169.00	1.20	1.00	202.80		
			1	169.00	1.20	1.00	202.80		
	Basic Rate	75.00					**405.60**	81.00	**32854.00**
	Area Weightage 8%	6.00							
	Total	**81.00**							
2	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix M7.5 with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.3) PW, P & IWTD - SR 2012-13)	Cum							
	0		1	169.00	1.20	0.15	30.42		
			1	169.00	1.20	0.15	30.42		
							60.84	3812.82	**231972.00**
	Basic Rate	3597.00							
	Area Weightage @ 6%	215.82							
	Total	**3812.82**							
3	KSRB 4-2.2: Providing and laying in position plain cement concrete of design mix M20 with OPC cement @320 kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum, with superplastisiser @3lts confirming to IS9103-1999 Reafirmed-2008, machine mixed, concrete laid in layers not blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (P.13/I.4.11) PW, P & IWTD - SR 2012-13)	Cum							

			1	169.00	1.20	0.15	30.42		
			1	169.00	1.20	0.15	30.42		
			2	169.00	0.15	0.60	30.42		
			2	169.00	0.15	0.60	30.42		
							121.68	5142.06	**625686.00**
	Basic Rate	4851.00							
	Area Weightage @ 6%	291.06							
	Total	**5142.06**							
4	KSRB 4.9.2: providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 **Page No. 19/ Item No. 4.46/ PWD SR 2012-13**	q				kg/Cum				
	45 kg/Cum		**121.68**		45.00		5475.60		
							54.76	7187.86	**393578.00**
	Basic Rate	6781.00							
	Area Weightage @ 6%	406.86							
	Total	**7187.86**							
5	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.17/I.4.31) PW, P & IWTD - SR 2012-13)	Sqm							
			2x2	169.00		0.60	405.60		
			2x2	169.00		0.60	405.60		
							811.20	239.56	**194331.00**
	Basic Rate	226.00							
	Area Weightage 6%	13.56							
	Total	**239.56**							
6	Supplying and fixing precast rainforced concee slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface stc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials.	Sqm							
			1	169.00		0.90	152.10		
			1	169.00		0.90	152.10		
	As per Approved Rates						**304.20**	1600.00	**486720.00**

7	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 1 I/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading **Page No. 148 Item No. 17.1 PWD SR 2012-13**	Cum							
			Qty Vide Item No. 1				**405.60**	78.24	**31732**
	2 x 1.28 x 4 Kmtrs	10.24							
		62.20							
	Basic Rate	**72.44**							
	Add Area Weightage 8%	5.80							
	Total	**78.24**							
0	Miscellaneous and Unforeseen Charges etc..,	LS							**3127**
								Total	**2000000**

(Rupees Twenty Lakhs Only)

CERTIFICATE

1) The Work spot has been inspected and the work is found to be necessary
2) The Estimate is prepared as per the PW,P & IWTD - SR - 2012-13
3) The Provision made in estimate are adequante and essential
4) This area comes under B.B.M.P Limits.

Assistant Engineer
Ward-14

Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

A/S

No. JC(DH) AS 545/12-13 : 30/01/13
Rs. 20.00 lakhs (Rupees Twenty lakhs only)

Page No. 077
Sl. No. 545

No. EE(DD)/TS/340/12-13 ದಿನಾಂಕ 31/01/2013
ರೂ. 20.00 Lakhs (Rupees Twenty lakhs only)
ಗಳ ಅಂದಾಜು ಪತ್ರಿಕೆಗೆ ಅನುಮೋದನೆಯನ್ನು ನೀಡಿದೆ
ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಮಿಷನ್ ಕಂಪೌಂಡ್ ಉಪವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ಪಾಲಿಕೆ, ಬೆಂಗಳೂರು
31/1

Name of work :— Improvement to roads at 2nd Stage in 3rd Cross of Manjunatha Layout in Ward No 14

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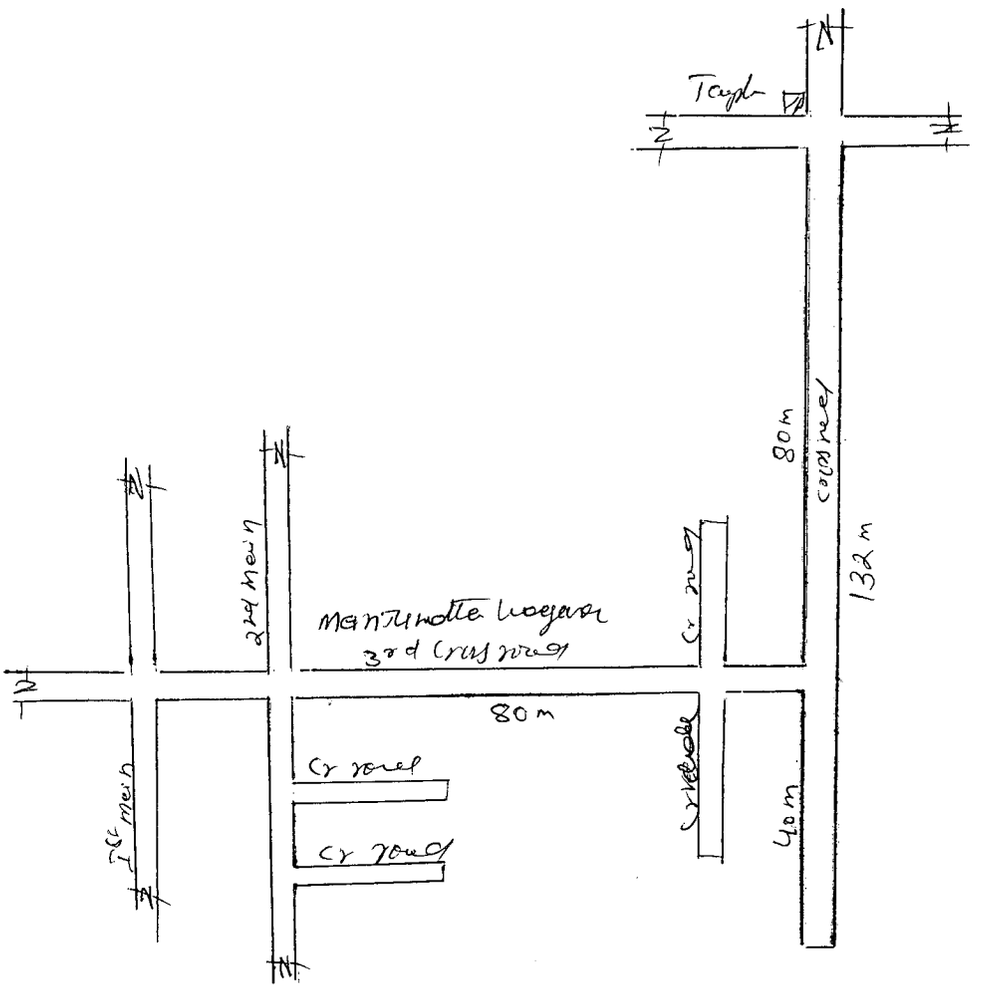

Location of works spot

T.V. Lay

Executive Engineer
(Engineering Section)
Yelahanka Constituency
Bangalore - 560 013